GIS Resources for K-12 Education

ESRI GIS for Education – home page
http://www.esri.com/industries/k-12/index.html

GIS Bibliography - comprehensive guide to GIS literature on the internet
http://campus.esri.com/library/

Literature: lessons, white papers, books
http://www.esri.com/industries/k-12/education/literature.html

Books

"Mapping Our World: GIS Lessons for Educators"
http://gis.esri.com/esripress/display/index.cfm?fuseaction=display&websiteID=93&moduleID=0

> *"Deepen your students' understanding of the world with geographic information system software. Mapping Our World: GIS Lessons for Educators is the first complete resource for any teacher seeking to bring geographic information system (GIS) technology into the middle- or high-school classroom. In addition to nineteen complete GIS lesson plans, Mapping Our World: GIS Lessons for Educators includes a one-year license of ArcView 3.x, geographic data for all of the lessons, a Teacher Resource CD, and a companion Web site. This comprehensive educational resource gives novice GIS educators all the tools they need to begin teaching with GIS. Teachers with more GIS experience will find the lessons and data ideal points of departure for more complex and extended inquiries."*

"Community Geography: GIS in Action"
http://gis.esri.com/esripress/display/index.cfm?fuseaction=display&websiteID=62

> *"Community Geography: GIS in Action is a great way for middle and high school students and active citizens to use geographical information systems (GIS) to make a difference in your own communities. With this book, you can integrate learning, GIS technology, and real-world experiences. Community Geography: GIS in Action contains real case studies to inspire you, hands-on exercises to help you hone your GIS skills, and practical tips for undertaking GIS projects on your own."*

"Community Geography: GIS in Action Teacher's Guide"
http://gis.esri.com/esripress/display/index.cfm?fuseaction=display&websiteID=63&moduleID=0

> *"This companion to Community Geography: GIS in Action provides the "how-to" for teachers seeking to use the book in their classrooms. Written by teachers, Community Geography: GIS in Action Teacher's Guide anticipates needs, issues, and questions that might arise when working with the GIS exercises and undertaking projects with a group of students. Middle school and high school companion lesson plans contain guides for the ArcView 3.x GIS exercises and "on your own" activities."*

Lessons
http://www.esri.com/industries/k-12/education/lessons.html

> ArcLessons
> http://gis.esri.com/industries/education/arclessons/arclessons.cfm
> *ArcLessons is a resource for you to share lessons for using GIS in the classroom. You can browse a list of lessons by category or use the search tools to find lessons in your area of interest. You also can contribute your Lessons or LessonPaks to ArcLessons for other educators to use.*
> *The Lessons on ArcLessons have been created by teachers for use in the classroom. If you have questions about any of the Lessons, please contact the author. ESRI does not assume responsibility for the accuracy or reliability of the lessons and recommends you review them before use.*

Software Skills

ESRI Virtual Campus – source for training, research, and education in geographic information systems
http://campus.esri.com/

GIS Software Skills: ArcGIS ArcView 9.x
http://www.esri.com/industries/k-12/education/lessons.html

GIS Software Skills: ArcView GIS 3.3
http://gis.esri.com/esripress/display/index.cfm?fuseaction=display&websiteID=32&moduleID=0

"Getting to Know ArcGIS Desktop Second Edition"
http://gis.esri.com/esripress/display/index.cfm?fuseaction=display&websiteID=87

"Getting to Know ArcView GIS 3.x"
http://gis.esri.com/esripress/display/index.cfm?fuseaction=display&websiteID=32

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Additional Information

http://www.gis.com
http://www.gis.com/careers
http://www.esri.com/industries.html
http://www.esri.com/mapmuseum
http://www.esri.com/subscribe

http://books.nap.edu/catalog/11019.html